APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/620,631	07/16/2003	Yariv Aridor	IL920030008US1	9678

7590   05/24/2007

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EXAMINER
PRICE, NATHAN E

ART UNIT	PAPER NUMBER
2194	

MAIL DATE	DELIVERY MODE
05/24/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary	Application No.	Applicant(s)
	10/620,631	ARIDOR ET AL.
	Examiner	Art Unit
	Nathan Price	2194

All participants (applicant, applicant's representative, PTO personnel):

(1) *Naim Schirur*.

(3)*Michal Shomron*.

(2) *Dekel Shiloh*.

(4)*Nathan Price and Li Zhen*.

Date of Interview: *16 May 2007*.

Type: a)☒ Telephonic   b)☐ Video Conference
c)☐ Personal [copy given to: 1)☐ applicant   2)☐ applicant's representative]

Exhibit shown or demonstration conducted: d)☐ Yes   e)☒ No.
If Yes, brief description: _____.

Claim(s) discussed: *1,22,24 and 25*.

Identification of prior art discussed: *Carlson (US 6,697,849 B1) and Choquier et al. (US Pat. 5,951,694)*.

Agreement with respect to the claims f)☐ was reached.   g)☒ was not reached.   h)☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: *Discussed proposed claim amendments. The proposed amendments overcome current rejections under 35 U.S.C. 101. Current rejections under 35 U.S.C. 103 can be overcome if the body of each claim is amended to specify the capability of managing multiple application complexes of different types. The amendments will require further search and consideration.*

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews
Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
   (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Applicant Initiated Interview Request Form

Attorney Docket No.: IL920030008US1
(P-9894-US)

Application No.: 10/620,631   First Named Applicant: Yariv Aridor

Examiner: PRICE, Nathan   Art Unit: 2194   Status of Application: After Final

Tentative Participants:

(1) Naim Schirur, Reg. No. 56,248   (2) Dekel Shiloh

(3) Michal Shomron   (4)

Proposed Date of Interview: May 15, 2007   Proposed Time: 10 AM   (AM / PM)

(1) ☒ Telephonic   (2) ☐ Personal   (3) ☐ Video Conference

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims / Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) 35 USC §101 Rejection	Claims 1, 22, 24	N/A	☐	☐	☐
(2) 35 USC §103 Rejection	Claims 1, 22, 24	Carlson (6,697,849) Choquier (5,951,694)	☐	☐	☐
(3)			☐	☐	☐
(4)			☐	☐	☐

☒ Continuation Sheet Attached

Brief Description of Arguments to be Presented:
Applicants would like to propose amendments to the independent claims 1, 22, and 24 and to add new independent claim 25, as reflected in the attached Proposed Amendment (see continuation sheet). Applicants would like to help advance the prosecution of this case to allowance by reaching an agreement with the Examiner regarding patentable subject matter.

An interview was conducted on the above-identified application on _____

NOTE:
This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP §713.01).
This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Naim Schirur, Reg. No. 56,248
(Applicant/Applicant's Representative Signature)

(Examiner/SPE Signature)

APPLICANT(S): ARIDOR, Yariv *et al.*
SERIAL NO.: 10/620,631
FILED: July 16, 2003

PROPOSED AMENDMENTS TO THE INDEPENDENT CLAIMS

(WITHOUT PREJUDICE- FOR DISCUSSION PURPOSES ONLY)

1. (Currently Amended) A management server to execute a computer-implemented framework for managing multiple application complexes of different types, each application complex comprising multiple tiers of servers, where servers in a common the same tier run an identical application[[,]] and all the servers of the multiple tiers work together to provide a specific service, each of said application complexes being definable via an a respective application-complex type, said framework being operated by a management server and comprising:

a plugin interface adapted for connection to the framework of a plugin in respect of each an application-complex type, wherein said plugin encapsulates a relationship between disparate one or more resources composing the respective application-complex type and respective characteristics of said resources, and

a user interface adapted to the application-complex type according to said plugin, coupled to the management server and operating under control of the interface for providing general tasks that are independent of operational semantics of the application complex and that wherein said user interface is responsive to user operations input to said framework via a console for interfacing with the framework for defining an application complex as an instance of the application-complex type and allowing a user to populate control the association of servers with the multiple tiers of the application complex with servers.

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APPLICANT(S): ARIDOR, Yariv *et al.*
SERIAL NO.:   10/620,631
FILED: July 16, 2003

22. (**Currently Amended**) A machine-readable memory storing an object-oriented

data structure <u>to be implemented by a framework executable by a processor of a</u>

<u>management server,</u> for managing <u>multiple</u> an-application complex<u>es of different</u>

<u>types, each application complex</u> comprising multiple tiers of servers, where servers

in a-common-<u>the same</u> tier run an identical application[[,]] and all-the servers work

together to provide a specific service, <u>each of</u> said application complex<u>es</u> being

definable via an-<u>a respective</u> application<u>-</u>complex type, and-said object-oriented data

structure comprising objects that encapsulate a relationship between disparate-<u>one or</u>

<u>more</u> resources composing respective application<u>-</u>complex types and respective

characteristics of said resources, thus allowing an instance of an application<u>-</u>

complex type to be defined.

24. (**Currently Amended**) A computer program product comprising a computer

useable-<u>readable</u> medium having <u>stored theron</u> computer readable program code

embodied therein-for managing <u>multiple</u> application complexes <u>of different types</u>

via a <u>computer-implemented</u> framework-operated by a computer, each application

complex comprising multiple tiers of servers, where servers in a-common-<u>the same</u>

tier run an identical application[[,]] and all-the servers<u> of the multiple tiers</u> work

together to provide a specific service, <u>each of</u> said application complex<u>es</u> being

definable via an-<u>a respective</u> application<u>-</u>complex type, the computer program

product comprising:

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computer readable program code for causing the computer to interface a

plugin to the framework in respect of ~~each~~ an application-complex type, wherein

said plugin encapsulates a relationship between ~~disparate~~ one or more resources

composing the respective application-complex type and respective

characteristics of said resources, and

computer readable program code for causing the computer to respond to

user operations input thereto via a user interface that is adapted to the

application-complex type according to said plugin, ~~input to said framework via a~~

~~console providing general tasks that are independent of operational semantics of~~

~~the application-complex for interfacing with the framework~~ for defining an

application complex as an instance of the application-complex type and allowing

a user to ~~populate~~ control the association of servers with the multiple tiers of the

application complex ~~with servers~~.

25. (New) A method of managing multiple application complexes of different types

using a management framework adapted for execution by a processor, each

application complex comprising multiple tiers of servers, where servers in the same

tier run an identical application and the servers of the multiple tiers work together to

provide a specific service, each of said application complexes being definable via a

respective application-complex type, the method comprising:

providing information to the framework regarding an application-complex

type via a respective plugin that supports said application-complex type,

wherein said plugin encapsulates a relationship between one or more resources

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composing the respective application-complex type and respective characteristics of said resources;

responding to user operations input to said framework via a user interface that is adapted to the application-complex type according to the information provided by said plugin;

defining an application complex as an instance of said application-complex type according to the information provided by said plugin; and

allowing a user to control the association of servers with the multiple tiers of the application complex.

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Sample Form (09-04)

AUTHORIZATION TO ACT IN A REPRESENTATIVE CAPACITY

In re Application of:	
Application No.	10/620,631
Filed.	July 16, 2003
Title:	METHOD AND SYSTEM FOR MANAGING MULTI-TIER APPLICATION COMPLEXES

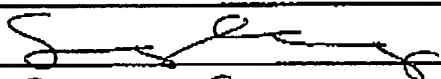| Attorney Docket No.		Art Unit:	
IL920030008US1		2194	

The practitioner named below is authorized to conduct interviews and has the authority to bind the principal concerned. Furthermore, the practitioner is authorized to file correspondence in the above-identified application pursuant to 37 CFR 1.34:

Name	Registration Number
Naim Shichrur	56,248

This is not a Power of Attorney to the above-named practitioner. Accordingly, the practitioner named above does not have authority to sign a request to change the correspondence address, a request for an express abandonment, a disclaimer, a power of attorney, or other document requiring the signature of the applicant, assignee of the entire interest or an attorney of record. If appropriate, a separate Power of Attorney to the above-named practitioner should be executed and filed in the United States Patent and Trademark Office.

SIGNATURE of Practitioner of Record

Signature		Date	May 14, 2007
Name	Suzanne Erez	Registration No.. if applicable	46,688
Telephone	972-4-829-6069		

This form offers a sample or suggested format for an authorization for an agent. See MPEP § 713.05 for more information. This sample form is not an OMB officially approved form

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.